

# HIGHLAND HIGH RAMS

Volume 13 | January 2023



## COURSE CATALOG 2023-2024

# WELCOME TO HIGHLAND HIGH SCHOOL HOME OF THE RAMS

Highland High School exists to ensure that all students learn essential skills to become successful adults. These skills encompass academic, social, emotional and career proficiencies. At Highland High, educators work interdependently to improve their professional practice through analyzing student performance, aligning curriculum, and engaging in quality professional development. Exceptional instruction is complemented with timely interventions to ensure that all students learn. Highland High School affirms that student success is the only option.

Your next year's course selections are very important for your future success and our school-wide decision making. Through your course selection, you help us determine whether courses are offered or not, and if so, how many sections are offered. The school reserves the right to deny subsequent course changes after course selection, please take this process seriously.

**Course Selection is a time to prepare and think about your future.** When students graduate from Highland High School, we want them to be ready for the future they choose. Some may immediately enter the workforce, while others may delay that entry to pursue additional education. In either case, it is the intent of the Highland Comprehensive Guidance Program to assist them in making wise decisions. Each graduate's diploma should not simply reflect the number of years spent in school, but the skills and knowledge gained. That is why it is so important to **take time to PLAN for your high school experience.**

## MINIMUM GRADUATION REQUIREMENTS: 24 Credits

All Salt Lake City School District schools require 24 total credits to graduate.

<b>Language Arts</b>	<b>4.0</b>	<b>Social Studies</b>	<b>3.0</b>
<b>Mathematics</b>	<b>3.0</b>	<b>Science</b>	<b>3.0</b>
<b>Physical Education</b>	<b>1.5</b>	<b>Fine Arts</b>	<b>1.5</b>
<b>Career &amp; Tech Ed</b>	<b>1.0</b>	<b>Digital Studies</b>	<b>0.5</b>
<b>Financial Literacy</b>	<b>0.5</b>	<b>Health Education</b>	<b>0.5</b>
<b>Electives</b>	<b>5.5</b>		

## COLLEGE AND CAREER READINESS (CCR) PLAN

The high school years are an exciting and important time in students' lives. To help students and parents plan a high school program that meets their individual needs, Highland High School is committed to assisting each student to develop an individual College and Career Readiness (CCR) plan. This plan is a student educational and career-oriented planning document, which is guided by educational needs and requirements as well as career goals. The CCR serves as a GUIDE rather than a strict rule. Plans may change over 4 years. The CCR is meant to be an ONGOING process of setting goals, making plans to reach those goals, and reviewing progress toward those goals. Each student will be scheduled to attend with a parent/guardian for one CCR meeting each year of high school.

For more info, visit: <https://highland.slcschools.org/academics/counseling-center>

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## GRADUATION REQUIREMENTS WORKSHEET

### REQUIRED COURSES/CREDIT

Current Grade: 9 \_\_\_ 10 \_\_\_ 11 \_\_\_ 12 \_\_\_

### Credits Completed/Needed

**LANGUAGE ARTS** 9th Grade \_\_\_\_\_  
4.0 \_\_\_ / \_\_\_ 10th Grade \_\_\_\_\_  
11th Grade \_\_\_\_\_  
12th Grade \_\_\_\_\_

**MATH** 9th Grade \_\_\_\_\_  
3.0 \_\_\_ / \_\_\_ 10th Grade \_\_\_\_\_  
11th Grade \_\_\_\_\_  
12th Grade \_\_\_\_\_

**SCIENCE** 9th Grade \_\_\_\_\_  
3.0 \_\_\_ / \_\_\_ 10th Grade \_\_\_\_\_  
11th Grade \_\_\_\_\_  
12th Grade \_\_\_\_\_

**SOCIAL STUDIES** 9th Grade \_\_\_\_\_  
3.0 \_\_\_ / \_\_\_ 10th Grade \_\_\_\_\_  
11th Grade \_\_\_\_\_  
12th Grade \_\_\_\_\_

**FINE ARTS** 9th Grade \_\_\_\_\_  
1.5 \_\_\_ / \_\_\_ 10th Grade \_\_\_\_\_  
11th Grade \_\_\_\_\_  
12th Grade \_\_\_\_\_

**P.E.** 9th Grade \_\_\_\_\_  
1.5 \_\_\_ / \_\_\_ 10th Grade \_\_\_\_\_  
11th Grade \_\_\_\_\_  
12th Grade \_\_\_\_\_

### CTE 1.0

List any CTE courses that may qualify you for the CTE Pathway Completer Award:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**DIGITAL STUDIES 0.5** \_\_\_ or Option: \_\_\_\_\_  
*(formerly Computer Tech)*

**FINANCIAL LIT 0.5** \_\_\_ or Option: \_\_\_\_\_

**HEALTH 0.5** \_\_\_ or Option: \_\_\_\_\_

**ELECTIVES 5.5** \_\_\_ or Option: \_\_\_\_\_  
List elective courses taken or to be taken:  
\_\_\_\_\_  
\_\_\_\_\_

### TOTAL CREDITS: 24

\*\*NOTE: Graduation requirements, including District Competencies are subject to change

### MINIMUM ENROLLMENT:

- All students need to select eight periods of course instruction each semester.
- All students are expected to select a minimum of three academic core subjects (i.e. English, Math, Digital Studies, Science, Social Studies, and Foreign Language).

0.5 = SEMESTER Course & 1.0 = FULL YEAR Course

## IMPORTANT INSTRUCTIONS FOR COURSE SELECTION

**1. FULL SCHEDULE:** All students must select eight courses that include at least three CORE subjects (i.e., Language Arts, Math, Science, Social Studies, and/or World Language) and three alternates.

### **NINTH GRADE STUDENTS:**

Course selection includes at very least: Language Arts, Math, Geography, Science, PE Skills, Fitness for Life and a World Language.

**Remember:** There is a two level World Language *requirement* for college admissions.

**TENTH GRADE STUDENTS:** Select courses for Language Arts, Math, Social Studies, Science, and Health. Other courses required for graduation should be given priority (i.e. CTE, Fine Arts, PE, and Computer Technology).

**ELEVENTH GRADE STUDENTS:** Select courses for Language Arts, Math, Science, and U.S. History. Other courses required for graduation, college admissions, and career goals should be given priority (i.e. US Government & Citizenship, Financial Literacy, CTE, Fine Arts, and PE.)

**TWELFTH GRADE STUDENTS:** Select courses for Language Arts, any other un-met graduation requirements and electives, to equal a required full schedule. Courses required for graduation, college admissions and career goals should be given priority. Concurrent Enrollment and AP Courses are highly encourage, please consider taking these courses. To add a Home Release (or Seminary) to your schedule, students must meet and gain approval from an Administrator (Principal/Asst. Principal) and also provide parental consent.

**2. READ** the course descriptions carefully to determine grade level, amount of graduation credit, general description of the course, if lab fees are required, or special instructions.

**3. DETERMINE** if the courses you select are taught for one or two semesters. The course descriptions in this booklet will identify how many credits are earned when the course is successfully completed. SEMESTER: .50 credits, YEAR (both semesters): 1.0 credits

**4. FEES:** Many courses have fees associated with them. Please refer to the specific course description for details. For an example, the cost for one Advanced Placement (AP) Exam can be around \$100 and all students who are enrolled in AP courses are highly encouraged to take them.

**5. CHOOSE:** Students should choose their courses carefully, because course changes will be granted ONLY ONCE a year. Course changes can be made for:

- (a) Computer error
- (b) Placement to more appropriate course level
- (c) Request of administration
- (d) To complete graduation requirements (seniors only)

**6. COURSE CHANGES** for the above reasons must be completed by the week before school starts or the end of semester one. AP & IB courses may not be dropped without Principal's approval.

**7. NEW STUDENTS** who register at Highland High, between the beginning of a term and two weeks prior to the end of the term, the student's counselor/teacher will take into consideration the work done at the student's previous school in determining the student's grade.

**8. EARLY GRADS:** Students interested in early graduation should see their counselor for requirements at least one semester in advance.

**9. WORK CREDIT:** Students interested in Work Credit or Internships should see the CTE Coordinator for course selection materials.

**“Never be limited by other people’s imagination; never limit others because of your own limited imagination.”**

- Mae Jemison

*Engineer, physician, and former NASA astronaut*

## ADDITIONAL PROGRAMS

**English Language Development (ELD):** ESL/ELD courses are available for student's who do not speak English as their first language. These courses fulfill graduation requirements while improving a student's English language skills. Courses offer specialized instruction and content specific to each student's language proficiency level. Level 3, 4, and 5 courses are taught by teachers who use sheltered instructional techniques to help students better understand language curriculum.

**Special Education (SPED):** Salt Lake City School District recognizes that students with disabilities have diverse educational needs. In order to provide an educational opportunity that is appropriate for students receiving special education, Salt Lake City School District has varied options for eligible students to access the general education curriculum. The student's Individualized Education Plan (IEP) determines the most appropriate option.

**International Baccalaureate Program (IB):** The IB Program at Highland High is for academically disciplined students who desire a curriculum that presents subject matter from a worldwide perspective. Students who are highly motivated and productive will benefit from this course of study. Students are admitted for 9th grade through an application process, which begins in January of 8th grade. Selection is based on grades, teacher recommendations, and evidence of motivation. Courses taken in the ninth and tenth grades are preparatory to beginning the IB courses in the 11th grade. Students who complete the IB Program at a standardized level of competency earn a high school diploma and the internationally recognized IB Diploma. Students may earn college credit and advanced standing at institutions of higher learning throughout the world. Students at Highland will move through IB courses in 11th and 12th grade as a small learning community, providing support and encouragement for each other. See coordinator for further information or IB testing & testing costs.

**Honors:** This is an advanced course for students who are willing to read and write more extensively than in a regular or college preparatory course.

**Advanced Placement (AP):** After successfully passing an end-of-year advanced placement college examination, college credit may be awarded by colleges and universities. The amount of credit varies from institution to institution. Be sure to check with your college of interest to determine their acceptance policy. AP Courses at Highland High School will only carry if the demand is great enough. All students signing up for AP courses are expected to commit to the course for the full year and expected to take the AP exam in the spring. College credit may be awarded to students who successfully pass the AP exam. Students should check to see if the college/university they plan to attend offers credit for AP courses and if so how much credit.

**Career and Technical Center (CTC):** The CTC is the location used for Career and Technical Education (CTE) program. This program includes both academic and technical aspects of learning in each CTE curriculum area. Through the SEOP process, CTE career pathways assist students with acquiring better understanding and greater awareness of career opportunities in their community, state and nation.

**Concurrent Enrollment (CE):** These courses are a fantastic deal for high school students! You can earn both high school credit and college credit at the same time! The credit cost savings is exceptional: At Salt Lake Community College, a 3 college credit course costs under \$500, plus books fees. As a Highland Junior or Senior, you pay the one-time application fee on-line to the college, which also counts for your CE registration (up to a year after you graduate) if you decide to attend SLCC! Most Utah universities and colleges accept these credits as well. Some of our CE courses require a college textbook rental fee (~\$25), which is not fee waivable, and qualifying pre-tests (CPT or ACT), which are included in your CE registration cost. There is a small fee per college credit hour tuition, which will be required after student is added to the course, paid directly to college. See individual course descriptions for more about this incredible value. Most concurrent enrollment courses are for 11-12 grades. However, 10th graders may fill out appeal form with SLCC. For more information, contact the teacher offering the course, or the CTE secretary.

# LANGUAGE ARTS

**Language Arts 9** **YEAR #60801000**

**Graduation Credit:** 1.0 Language Arts

The ninth grade language arts course connects reading instruction with writing for multiple purposes. The course continues intensive practice and study of informational and literary reading and writing. Students read extensively from a variety of sources, and draft, revise, and edit their own writing.

**Language Arts 9 Honors** **YEAR #60803000**

**Graduation Credit:** 1.0 Language Arts

This writing-intensive honors course will focus on developing academic writing and analytical skills while introducing students to a variety of works ranging from novels to short stories to plays. This course is designed to ready students interested in AP or IB courses during their final two years of high school.

**Literature & Film (9-12)** **SEM #64511400**

**Graduation Credit:** 0.5 Elective

This course is designed around aspects of film history, appreciation, and analysis as movies relate to literature and the written word. Strong focus on the analysis of various director decisions and cinematography. Nearly every film chosen is based on a written work of is an important study in the film cannon. Writing and reading are a crucial aspect to this course. *As this course is designed for high school students, no rated-R movies will be shown in course, but rated-R films may be discussed within the scope of the course or chosen by students and parents for their projects.*

**Language Arts 10** **YEAR #60813000**

**Graduation Credit:** 1.0 Language Arts

The tenth grade language arts course continues the intensive practice and study of informational and literary writing. Students refine skills in preparation for reading and writing assessments.

**Language Arts 10 Honors** **YEAR #60814000**

**Graduation Credit:** 1.0 Language Arts

This is an advanced tenth grade course which offers students the opportunity to read and write functional, informational, and literary texts in preparation for a variety of reading and writing assessments. This course has greater depth and breadth than is found in the Language Arts 10 course and requires more work and more time from the student.

**Language Arts 11** **YEAR #60826000**

**Graduation Credit:** 1.0 Language Arts

The eleventh grade language arts course continues to emphasize the reading and writing process. In addition, students prepare, plan, deliver, and evaluate formal presentations.

**Language Arts 11 Honors** **YEAR #60827000**

**Graduation Credit:** 1.0 Language Arts

This course stretches students with higher-order thinking skills to enhance writing abilities through reading, analyzing, and researching novels, plays, poetry, foundational U.S. documents, and current issues. This advanced course transitions students from high school writers to college writers in preparation for Concurrent English 1010, or possibly AP Literature.

**Language Arts 12** **YEAR #60839000**

**Graduation Credit:** 1.0 Language Arts

The twelfth grade language arts course continues to develop reading and writing skills as students are introduced to a greater variety of practical and traditional literature. Students also develop investigative and research skills in preparation for post-secondary education or employment.

**College Prep Language Arts 12 Honors** **YEAR #60402000**

**Graduation Credit:** 1.0 Language Arts

Students will learn to investigate academic texts, construct supported interpretations and arguments for an authentic audience, and acquire academic habits of thought. Reading instruction will focus on developing critical reading skills for comprehension, interpretation, and analysis. In writing, students will develop skills through composing with specific purpose, situation, genre, and audience in mind. Students will write a variety of effective formal and informal texts. To learn to integrate reading and writing, students will use an inquiry approach to analyze, synthesize, and make value judgments regarding text and writing. This course is designed to prepare students for college-level reading and writing intensive courses.

**AP English Language (11-12)** **YEAR#60520000**

**Graduation Credit:** 1.0 Language Arts

This is a college-level course in language and composition. The course is challenging and requires more effort than most language arts courses. The course trains students to write in narrative, exploratory, expository, and argumentative forms and on a variety of subjects including personal experiences, public policies, and literature. This course may be used for college credit for students receiving a 3 or higher on the AP exam.

**AP English Literature (11-12)** **YEAR #60530000**

**Graduation Credit:** 1.0 Language Arts

An AP English Literature and Composition course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and smaller-scale elements as the use of figurative language, imagery, symbolism, and tone.

**Concurrent English**

**Intro to Writing English 1010** **SEM #60610000**

**Graduation Credit** 1.0 with 3 College Credits

Development of critical literacies: reading, writing and thinking – using methods of knowledge-making. This course promotes awareness of rhetorical strategies as they apply to a variety of socio-cultural contexts. A semester course that satisfies Language Arts 12 full year English credit. \*The Language Arts Department strongly discourages this course for any student who has taken AP English Language. For students who have taken AP English Language, we recommend they continue their studies in AP English Literature. **FEEs REQUIRED.** Since this is a college course, fee waivers do not apply. Online applications are to be completed by March and ACT score copies sent to college directly by the end of April.

**Creative Writing I (9-12)** **YEAR #60901000**

**Graduation Credit** : 1.0 Elective

This course will include instruction in the writing of poetry, short stories, plays, essays, journals, narratives, etc. All members of the course will have an opportunity to help the literary staff select the best pieces for the magazine. Students need only to enjoy writing to take this course.

**Creative Writing Adv. (11-12)** **YEAR #60902000**

**Graduation Credit:** 1.0 Elective or Eng 12 Graduation Credit

All members of the course will be on the staff of the literary magazine, In Black and White, and will assist in its formulation and publication. The course will include poetry, short story; play writing, narratives, etc. There is a special emphasis on creating a standard of judgment for recognizing good literature. This course can supplant the 12th grade English credit.

**Journalism (10-12)** **YEAR #60910000**

**Graduation Credit:** 1.0 Elective

Students enrolled in this course produce the Highland High School newspaper, The Rambler. The course features an examination and practice of the fundamentals of news gathering, interviewing and news writing, features, sports and editorial

writing, advertising copy and layout, editing, proofing, printing and typography. Students are encouraged to enroll for more than one year. Students who are on the staff for three years or who have served as editors are eligible for a Highland letter (H).

**Literature Humanities (12)** **YEAR #60839060**

**Graduation Credit:** 1.0 Language Arts or Elective credit

What role does chaos play in the creative process? In a culture where we are bombarded with ideas and images of “what we should be,” how do you form an identity that remains true and authentic to yourself? Does a culture, community, institution, or individual have the right to censor artists? In Literature Humanities, we will explore how literature and various media influences humans, cultures, and ideas as well as you as an individual.

# MATHEMATICS

**Secondary Math I (9)** **YEAR #61212000**

**Graduation Credit:** 1.0 Mathematics

The purpose of Secondary Math I is to formalize and extend what math students learned in the middle grades. Students in this course will deepen and extend their understanding of linear relationships, explore exponential phenomena, and apply linear regression techniques to data. Students will create equations and inequalities and use them to solve problems. They will build on their prior knowledge of rigid motions to extend understanding of congruence in coordinate geometry and prove geometric theorems algebraically.

**Secondary Math I Extended (9)** **YEAR #61212300**

**Graduation Credit:** 1.0 Mathematics

The concepts are the same as Secondary Math I with the following additions: Secondary Math I Extended students will also represent and model with vector quantities, use matrices in application and perform operations on vectors and matrices.

**Secondary Math II (10-11)** **YEAR #61212400**

**Graduation Credit:** 1.0 Mathematics

Students will interpret and analyze quadratic functions and their forms and will extend knowledge of functions to include absolute value, step, and piece-wise defined functions. Students will study similar figures and right triangle trigonometry, including proofs for geometric theorems and theorems involving circles. Students will explore conditional probability and counting methods in making and evaluating decisions.

**Secondary Math II Extended (9-10)** **YEAR #61212510**

**Graduation Credit:** 1.0 Mathematics

The concepts are the same as Secondary Math II, with the following additions: Secondary Math II Extended students will also represent complex numbers and their operations on the complex plane, solve systems of equations utilizing matrices, analyze series, and express conic sections algebraically.

**Secondary Math III (10-12)** **YEAR #61212600**

**Graduation Credit:** 1.0 Math

The purpose of Secondary Math III is for students to make connections and apply concepts from a variety of function families: polynomial, rational, trigonometric, logarithmic, and inverse functions. Students will expand their study of right triangle trigonometry to include general triangles. Students will apply methods from probability and statistics to draw inferences and conclusions from data.

**Secondary Math III Extended (10-12)** **YR #61212780**

*Secondary Math III Extended IB Only*, YEAR #61212790

**Graduation Credit:** 1.0 Mathematics

The concepts are the same as Secondary Math III, with the following additions: Secondary Math III Extended students will deepen their understanding and computation of complex numbers. Areas of study will be extended in the areas of trigonometric functions, inverses, and probability. Students completing Secondary Math IE, IIE, and IIIE are prepared for Calculus.

**Mathematical Decision Making for Life (11-12)**

**Graduation Credit:** 1.0 Math **YEAR #61003040**

Mathematical Decision Making is a four-quarter course for seniors who want a 4th year of math. The course develops mathematical decision-making skills in finance, modeling, probability and statistics, and making choices. Students will make sense of authentic problems and persevere in solving them.

**College Prep Math (11-12)** **YEAR #61216200**

**Graduation Credit:** 1.0 Mathematics

For 12th graders as their 4th year of math who have successfully completed Secondary Math 3. College Prep Math formalizes and reinforces concepts from the Secondary Mathematics series to provide students with the foundational skills and understanding to take College Algebra (Math 1050) after completing this course. Students will solve linear and quadratic equations and linear inequalities. Students will use polynomial, rational, radical, exponential, and logarithmic equations and functions to solve mathematical problems, and will explore conic sections and represent parabolic data. Recommended for students that have completed SM 1, 2, and 3. Students that have taken the Extended/honors courses, it is recommended that they enroll in AP Statistics or AP Calculus.

**Quantitative Reasoning (11-12)** **SEMESTER #61618000**

**CE Math 1030 Graduation Credit:** 1.0 Math (3 college credits)

This one-semester course may be an appropriate culminating math course for students majoring in English, Arts, or Humanities. (Please consult with college of choice to determine their specific requirements.) This course covers a broad scope of mathematical topics as they apply to real-world problems. Topics include reasoning and number sense, finance matters, probability and statistics, and modeling. **FEE REQUIRED.** Recommended for students whose intended major does not require Calculus.

**College Algebra CE - MATH 1050 (12)**

**Graduation Credit:** 1.0 Mathematics **SEM #61616200**

This one-semester course is designed for students interested in Business, Mathematics, Science, Engineering, Technology, and Education. This course is an in-depth exploration of algebra topics designed to ultimately prepare students for Calculus or further education courses. Topics covered include the following: 1) functions, including polynomial, rational, exponential, and logarithmic; 2) systems of equations; matrices and determinants; partial fraction decomposition; 3) conics; and 4) sequences and series. There is an additional \$18.75 electronic textbook/ learning materials fee associate with this course. **FEE REQUIRED**

**AP Calculus AB (11-12)** **YEAR #61511000**

**Graduation Credit:** 1.0 Mathematics

AP Calculus AB is roughly equivalent to a first semester college Calculus 1 course devoted to topics in differential and integral calculus. The AP course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions. A graphing calculator (TI-83, 83+, 84, or 84+, or TI-Nspire CX preferred) is required for this course.

**AP Calculus BC (11-12)** **#61512000**

**Must be paired with Intro Calc** **#61242010**

**Graduation Credit:** 2.0 Mathematics

AP Calculus BC is roughly equivalent to college courses Calculus 1 and Calculus 2 and extends the content learned in AB to different types of equations and introduces the topic of sequences and series. The AP course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, and series. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions. A graphing calculator (TI-83, 83+, 84, or 84+, or TI-Nspire CX preferred) is required for this course. Students must also enroll in Intro Calculus since this course is taught daily.

**AP Statistics (10-12)** **YEAR #61501000**

**Graduation Credit:** 1.0 Mathematics

An advanced study of statistics, AP Statistics is equivalent to non-calculus-based college course in statistics. The course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes in the AP Statistics course: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding. A graphing calculator (TI-83, 83+, 84, or 84+, or TI-Nspire CX preferred) is required for this course.

# SCIENCE

**Astronomy (11-12)** **YEAR #62271000**

**Graduation Credit:** 1.0 Science

Astronomy is the study of the position, motion, composition, and history of objects in the universe and the physical laws that govern them. Topics include: scientific theories of the evolution of the universe; characteristics and the life cycle of stars; exploration of the universe; role of the Sun in our Solar System; planets; and the orientation and position of the Earth. The second half of this course will explore the concepts and science of Meteorology.

**Biotechnology (11-12)** **YEAR #67928200**

**Graduation Credit:** 1.0 Science or CTE

An exploratory course designed to create an awareness of career possibilities in the field of biotechnology. Students are introduced to diagnostic and therapeutic laboratory procedures that support bioscience research and practice. Lab fee required.

**Biology (9-12)** **YEAR #62211000**

**Graduation Credit:** 1.0 Science

Biology includes the topics of ecosystems, cells, heredity, diversity, organ systems and evolution. Students will explain biological ideas or concepts in their own word, relate them to other topics, and apply them in new contexts. Lab Fee Required.

**Biology Honors (9-12)** **YEAR #62411000**

**Graduation Credit:** 1.0 Science

Honors Biology extends the coverage of topics that include ecosystems, cells, heredity, diversity, organ systems and evolution. Students will examine biological ideas or concepts in greater detail. This course provides preparation for enrollment in AP Biology. Lab Fee Required.

**AP Biology (10-12)** **YEAR #62511000**

**Graduation Credit:** 1.0 Science

The AP Biology course is equivalent to a two-semester college introductory biology course and is endorsed by higher education and enables students to pursue college-level studies while still in high school. The four major themes or Big Ideas in AP Biology are 1. Evolution 2. Cellular Processes: Energy and Communication 3. Genetics and Information Transfer 4. Interactions. Throughout the AP Biology course students will develop advanced inquiry and reasoning skills, such as designing a plan for investigations, collecting data, analyzing data, applying mathematical routines, and connecting concepts in and across domains. Students completing AP Biology will be ready for the study of advanced topics in subsequent college courses and receive college credit based on their AP Exam score. Students will be required to attend early morning labs once a month.

**Chemistry (10-12)** **YEAR #62221000**

**Graduation Credit:** 1.0 Science

Chemistry includes the topics of atoms, energy, chemical bonds, chemical reactions and solutions. Students will develop an understanding of chemical concepts and determine the relevancy of chemistry in their lives. Lab Fee Required.

**Chemistry Honors (10-12)** **YEAR #62421000**

**Graduation Credit:** 1.0 Science

Honors Chemistry provides greater detail, mathematics based, coverage of content, which will include atoms, energy, chemical bonds, chemical reactions, and solutions. This course provides preparation for enrollment in AP Chemistry. Lab Fee Required.

**AP Chemistry (11-12)** **YEAR #62521000**

**Graduation Credit:** 1.0 Science

This AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first year of college. For most students, the course enables them to undertake, as a freshman, second year work in the chemistry sequence at their institution or to select courses in other fields where general chemistry is a prerequisite. This course is structured around the six big ideas articulated in the AP Chemistry curriculum framework provided by the College Board. A special emphasis will be placed on the seven science practices, which capture important aspects of the work that scientists engage in, with learning objectives that combine content with inquiry and reasoning skills. AP Chemistry is open to all students that have completed a year of chemistry who wish to take part in a rigorous and academically challenging course.

**Earth & Space Science (9-10)** **YEAR #62100300**

**Graduation Credit:** 1.0 Science

The theme for Earth Science is systems as an organizing concept to understand life on Earth, geological change, and the interaction of atmosphere, hydrosphere, and biosphere. Earth's place in the universe, internal structure, atmospheric processes, and reactions.

**AP Environmental Science (10-12)** **YEAR #62533000**

**Graduation Credit:** 1.0 Science

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study. Yet there are several major unifying constructs, or themes, that cut across the many topics included in the study of environmental science.

**Zoology (11-12)** **YEAR #62251000**

**Graduation Credit:** 1.0 Elective

Surveys the animal kingdom. Detailed study of representative organisms is made to illustrate structural advancements as they appear in the animal kingdom. Issues relating to wildlife management and natural history of the vertebrates will be stressed. Lab work and dissection is involved. Lab Fee Required.

**Medical Anatomy & Physiology (MAP) (10-12)**  
**Graduation Credit:** 1.0 CTE or Science **YEAR #67939000**

A full year competency based course that explores medical and health science related occupations as well as the study of human structure and function. Course includes field trips, hands-on activities, and guest demonstrations. Areas of study include medical terminology, human biology, disease processes, and career exploration. Recommended for anyone going into medical or associated fields. This is a required course for all capstone health science courses (Nurse Assist, EMT and Medical Asst) and East Health Professions Academy. Lab Fee Required.

**Physics (11-12)** **YEAR #62231000**  
**Graduation Credit:** 1.0 Science

The three topics covered in physics are matter, motion and energy. Everything is part of a system, whether it is book on a table, a cog in a machine, a satellite in orbit, or a complex electrical circuit. Physics topics will be developed around systems and the nature of science. Lab Fee Required.

**AP Physics 1 (10-12)** **YEAR #62531400**  
**Graduation Credit:** 1.0 Science

Algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore these topics: kinematics, dynamics, circular motion and gravitation, energy, momentum, simple harmonic motion, torque and rotational motion, electric charge and electric force, DC circuits, and mechanical waves and sound. Students should take this course if they are interested in understanding the world around them while not being afraid of struggling with difficult concepts and applications. Taking this course will ensure that students will have a solid foundation in the basic principles of physical science to gain deeper understanding of the phenomena observed in whichever field they choose to pursue. A very detailed course description can be found on the College Board web page.

**AP Physics 2 (11-12)** **YEAR #62541000**  
**Graduation Credit:** 1.0 Science

Algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore these topics: fluids, thermodynamics, electrical (force, field, and potential), electric circuits, magnetism and electromagnetic induction, geometric and physical optics, and quantum, atomic & nuclear physics. The fields presented in this course are more abstract in nature and less widely understood than in Physics I. Taking this course will ensure that students will be able to be interesting conversationalists in the vast majority of dinner parties as well as having a solid foundation in advanced principles of physical science to gain deeper understanding of the phenomena observed in whichever field they choose to pursue.

**AP Physics C (11-12)** **YEAR #62531610**  
**Graduation Credit:** 1.0 Science

Mechanics course is equivalent to a one-semester, calculus-based, college-level physics course. It is especially appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as kinetics, Newton's laws (of motion, work, energy and power), systems of particles and linear momentum, circular motion and rotation, and oscillations & gravitation. Introductory differential integral calculus is used throughout the course. A very detailed course description can be found on <https://apstudent.collegeboard.org/apcourse>.

**Utah Wildlife (11-12)** **YEAR# 62283000**  
**Graduation Credit:** 1.0 Elective

Wildlife Biology is for students interested in understanding animals and ecosystems of Utah. The curriculum has a strong foundation in the biological, physical, and social sciences with the focus on solving current and future issues related to conservation and sustainability of wild animals and their habitats. This course will focus on the local flora and fauna found in Utah. Students will also have the opportunity to extend their love and passion for the outdoors by using hands on methods. You will also build your own custom bamboo fly rod and learn to tie your own flies.

See *IB Program Courses* for descriptions:

**IB Biology HL 1 (11)** **YEAR #62514400**  
**IB Biology HL 2 (12)** **YEAR #62514410**

**IB Chemistry SL 2 (11-12)** **YEAR #62522020**

**IB Physics HL 1 (11)** **YEAR #62532400**  
**IB Physics HL 2 (12)** **YEAR #62532420**

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## SOCIAL STUDIES

**Law Enforcement (9-12)** **SEMESTER #63232000**

**Location:** CTC **Graduation Credit:** 0.5 CTE / Soc.Stu. Elective  
This course prepares individuals to perform the duties of police and public security officers, including patrol and investigative activities, traffic control, crowd control, public relations, witness interviewing, evidence collection and management, court procedures, and the law in general. Basic crime prevention methods, weapon and equipment operation, equipment maintenance, and other routine law enforcement responsibilities are also included.

**World Geography I (9-10)** **SEMESTER #63902100**  
**Graduation Credit:** 0.5 Social Studies

This course is designed to introduce students to the physical and cultural patterns of the world. Geographic study includes map ping skills, the interaction between people and their environment, and the political and economic systems that they develop.

**AP Human Geography (9-12)** **YEAR #63592300**  
**Graduation Credit:** 1.0 Social Studies & Elective

AP Geography introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socio-economic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications.

**World History I** **SEM #63902500**  
**World History II** **SEM #63902600**

**Graduation Credit:** 0.5 Social Studies & Elective  
This course studies the increasing interrelationship of the world's peoples. It includes examples of scientific, artistic, religious, and technological aspects of human behavior.

**AP World History (10-12)** **YEAR #63536000**  
**Graduation Credit:** 1.0 World Civ, Social Studies, & Elective

This course will cover major themes and developments in the histories of major world civilizations from c. 8000 BCE to the present. It will be similar to other AP History courses in terms of developing reading and writing skills in order to prepare students for the demands of college. However, instead of national histories, the curriculum will emphasize change over time, comparisons between cultures, and the impact of technology and major themes.

**US History (11-12)** **YEAR #63221000**  
**Graduation Credit:** 1.0 U.S. History

This is a general survey course, with major emphasis on the post-Civil War period. Part I will study topics to include the Civil War, reconstruction of the South, industrialization of the US and the labor movement, imperialism, the progressive era, and World War I. Part II will include the roaring twenties, the depression, World War II, The Cold War, civil rights, globalization, and terrorism.

**US Government & Citizenship (10-12)** **SEM #63205000**  
**Graduation Credit:** 0.5 Graduation Requirement

The goal of this course is to foster informed, responsible participation in public life. Knowing how to be a good citizen is essential to the preservation and improvement of the United States democracy. The student will understand ideas, protections, privileges, structures, and economic systems that affect the life of a citizen in the United States political system.

**AP United States History (11-12)** **YEAR #63522000**  
**Graduation Credit:** 1.0 U.S. History

The Advanced Placement Program in American History is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in American History. Students will be expected to assess historical materials and to weigh the evidence and interpretations presented in historical scholarship. Students are expected to develop the skills necessary to arrive at conclusions, make judgments, and use the essay format.

**AP European History (10-12)** **YEAR #63531000**  
**Graduation Credit:** 1.0 Social Studies Elective

The study of European history since 1450 introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. Without this knowledge, we would lack the context for understanding the development of contemporary institutions, the role of continuity and change in present-day society and politics, and the evolution of current forms of artistic expression and intellectual discourse. The goals of the AP program in European History are to develop (a) an understanding of some of the principal themes in modern European History, (b) an ability to analyze historical evidence and historical interpretation, and (c) an ability to express historical understanding in writing.

**Sociology I (10-12)** **SEM #63244000**  
**Graduation Credit:** 0.5 Social Studies Elective

Sociology is the study of society or human groups. In order to understand society we must be able to shift from one perspective to another and to see the world through the eyes of others. The study of sociology helps us make connections between human behavior and society. It helps us understand the processes that have shaped the features we observe around us today, as well as the ways those features may be different tomorrow. This course will explore the way social interaction influences personality development, adolescence and deviant behavior in society.

**Sports Psychology (10-12)** **SEM #63243010**  
**Graduation Credit:** 0.5 Social Studies Elective

Sport Psychology is a vibrant branch of the larger psychological discipline. It is the branch of psychology which deals with the study and application of the psychological principles that enhance athletic performance. The concepts taught in this course will be beneficial in athletic competitions, exercise environments, and other physical performance based activities. The focus of this course is to teach you how to strengthen your mind and control your emotions so that you can improve your performance in these types of situations. The concepts learned will prepare you for athletic competitions and performance situations.

**Psychology I (10-12)** **SEM #63241000**  
**Graduation Credit:** 0.5 Social Studies Elective

Psychology is the scientific study of the human mind and behavior. Throughout this course, students will be introduced to the multiple sub-fields of psychology. Psychology examines the processes of learning, human development, social behaviors, abnormal behaviors, therapy and treatment styles, etc. Additionally students will explore various aspects of human behavior using theories of personality, aspects of thought processes, states of consciousness, causes of motivation and emotion, and the basic tenements of mental illness. This course is designed to introduce students to psychology as a social science as we review experiments, apply theories to the world around us, and learn the history of this unique subject.

**Psychology 1010 (11-12)** **SEM #63248100**  
**Concurrent Enrollment Course**

**Graduation Credit:** 1.0 Social Studies Elective  
This course is a college level psychology course associated with Salt Lake Community College that will provide a basic survey of the history, foundations, theories, and principles needed to obtain a scientific understanding of human behavior and the human mind. College credit will be awarded to students who pass the course, meeting the required standard established by Salt Lake Community College.

**AP Psychology (11-12)** **YEAR #63535000**  
**Graduation Credit:** 1.0 Social Studies Elective

Psychology is the scientific study of the human mind and behavior. Throughout this course, students will be introduced to psychology through our examination of the processes of learning, cognition, development, social behaviors, research methods, abnormal behaviors, and other facets of psychology. Students will be encouraged to think critically, ask questions, and work with one another to master basic psychology. This course is designed to get you excited about and interested in the field of psychology, assist you in the transition from high school level coursework to that of college level work, and help you prepare for the AP Psychology exam.

**Latin American Studies (10-12)** **SEM #63940000**  
**Graduation Credit:** 0.5 Social Studies Elective

Latin American Studies is a half year social studies elective course in which students learn about history, culture and identity formation through a Latin American Studies context. The study of any history requires students to think about the past and apply it to our world today. To do that, we need to look through a lens that recognizes America's roots and look beyond public opinion and/or propaganda to see what was truly happening. Course readings and assignments will be based upon text describing the legal, political, economic, migratory, and social history of Latin Americans. Such insight from a particularly Latino perspective should motivate and help us to more effectively steer our community, country and world towards a more just and equal society.

See *IB Program Courses* for descriptions:

**IB History of the Americas HL - YEAR #63063800**  
**IB Theory of Knowledge - 2ND SEMESTER #63808000**

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## WORLD LANGUAGE

**French I (9-12)** **YR #64211000**  
**Graduation Credit:** 1.0 Elective

French I is a basic language course specifically for students who have had little or no previous experience in French. The course focuses on the development of the three modes of communication: Interpretive (reading and listening), Interpersonal, and Presentational (writing and speaking). The course is organized thematically, with an emphasis on making cultural comparisons. The goal is to move students from the Novice-Low to Novice-Mid and beyond on the ACTFL (American Council for Teaching Foreign Languages) Proficiency Pyramid.

**French II (9-12)** **YEAR #64212000**  
**Graduation Credit:** 1.0 Elective

Focus is on the continued development of the three modes of communication: Interpretive (reading and listening), Interpersonal, and Presentational (writing and speaking). The course is organized thematically, with an emphasis on making cultural comparisons. The goal is to move students from the Novice-Mid to Novice-High and beyond on the ACTFL (American Council for Teaching Foreign Languages) Proficiency Pyramid.

**French III Honors (9-12)** **YEAR #64213400**  
**Graduation Credit:** 1.0 Elective

**Honors Diploma:** Course fulfills Honors Diploma requirements. Focus is on the continued development of the three modes of communication: Interpretive (reading and listening), Interpersonal, and Presentational (writing and speaking). The course is organized thematically, with an emphasis on making cultural comparisons. The goal is to move students from the Novice-High to Intermediate-Low and beyond on the ACTFL (American Council for Teaching Foreign Languages) Proficiency Pyramid

**French IV Honors (11-12)** **YEAR #64213500**  
**Graduation Credit:** 1.0 Elective

**Honors Diploma:** Course fulfills Honors Diploma requirements. Focus is on the continued development of the three modes of communication: Interpretive (reading and listening), Interpersonal, and Presentational (writing and speaking). The course is organized thematically, with an emphasis on making cultural comparisons. The goal is to see growth in the Intermediate level on the ACTFL (American Council for Teaching Foreign Languages) Proficiency Pyramid.

**AP French Language and Culture (11-12)**  
**Graduation Credit:** 1.0 Elective **YEAR #64215800**

**Honors Diploma:** Course fulfills Honors Diploma requirements. AP French is a college-level course, taken for college credit. The AP French Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP French Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture communication is primarily in French.

**German I (9-12)** **YEAR #64221000**  
**Graduation Credit:** 1.0 Elective

Specifically for students who have had little or no previous experience in German. Focus is on the development of the three modes of communication: Interpretive (reading & listening), Interpersonal, and Presentational (writing & speaking). The course is organized thematically, w/ emphasis on making cultural comparisons. The goal is to move students from the Novice-Low to Novice-Mid and beyond on the ACTFL (American Council for Teaching Foreign Languages) Proficiency Pyramid.

**German II (9-12)** **YEAR #64222000**  
**Graduation Credit:** 1.0 Elective

Focus is on the continued development of the three modes of communication: Interpretive (reading & listening), Interpersonal, and Presentational (writing & speaking). The course is organized thematically, with an emphasis on making cultural comparisons. The goal is to move students from the Novice-Mid to Novice-High and beyond on the ACTFL (American Council for Teaching Foreign Languages) Proficiency Pyramid.

**German III Honors (9-12)** **YEAR #64223400**  
**Graduation Credit:** 1.0 Elective

**Honors Diploma:** Course fulfills Honors Diploma requirements. Focus is on the continued development of the three modes of communication: Interpretive (reading & listening), Interpersonal, and Presentational (writing & speaking). The course is organized thematically, with an emphasis on making cultural comparisons. The goal is to move students from the Novice-High to Intermediate-Low and beyond on the ACTFL (American Council for Teaching Foreign Languages) Proficiency Pyramid.

**German IV Honors (11-12)** **YEAR #64224300**  
**Graduation Credit:** 1.0 Elective

**Honors Diploma:** Course fulfills Honors Diploma requirements. Focus is on the continued development of the three modes of communication: Interpretive (reading & listening), Interpersonal, and Presentational (writing & speaking). The course is organized thematically, with an emphasis on making cultural comparisons. The goal is to see growth in the Intermediate level on the ACTFL (American Council for Teaching Foreign Languages) Proficiency Pyramid.

**AP German (11-12)** **YEAR #64226100**  
**Graduation Credit:** 1.0 Elective

**Honors Diploma:** Course fulfills Honors Diploma requirements. College-level course, taken for college credit. Emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. This course strives not to over-emphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture communication is primarily in German.

**Spanish Native Speak (9-12)** **YEAR #64521000**  
**Graduation Credit:** 1.0 Elective

This is a full-year course designed for students who speak Spanish as their first language and wish to improve their literacy skills in Spanish. The courses will enable the students to develop, maintain, and enhance proficiency in Spanish by providing them the opportunity to listen, speak, read and write in a variety of contexts for a variety of audiences including the family, school, and the immediate community. The course will allow students to explore the cultures of the Hispanics world including their own and it will enable students to gain a better understanding of the nature of their own language as well as other languages to be acquired.

**Spanish I (9-12)** **YEAR #64251000**  
**Graduation Credit:** 1.0 Elective

Heritage or native speakers are encouraged to take Spanish for native speakers or Spanish II, III, or IV, depending on their experience with the language. It is suggested students speak with the teachers to ensure the best placement. Spanish I is a basic language course specifically for students who have had no previous experience in Spanish. The course focuses on the development of the three modes of communication: Interpretive (reading and listening), Interpersonal, and Presentational (writing and speaking). The course is organized thematically, with an emphasis on making cultural comparisons. The goal is to move students from the Novice-Low to Novice-Mid on the ACTFL (American Council for Teaching Foreign Languages) Proficiency Pyramid.

**Spanish II (9-12)** **YEAR #64252000**  
**Graduation Credit:** 1.0 Elective

Heritage or native speakers are encouraged to take Spanish for native speakers or Spanish II, III, or IV, depending on their experience with the language. It is suggested students speak with the teachers to ensure the best placement. Spanish II focuses on the continued development of the three modes of communication: Interpretive (reading and listening), Interpersonal, and Presentational (writing and speaking). The course is organized thematically, with an emphasis on making cultural comparisons. The goal is to move students from the Novice-Mid to Novice-High on the ACTFL (American Council for Teaching Foreign Languages) Proficiency Pyramid.

**Spanish III Honors (9-12)** **YEAR #64253400**  
**Graduation Credit:** 1.0 Elective

**Honors Diploma:** Course fulfills Honors Diploma requirements. Heritage or native speakers are encouraged to take Spanish for native speakers or Spanish II, III, or IV, depending on their experience with the language. It is suggested students speak with the teachers to ensure the best placement. Spanish III Honors focuses on the continued development of the three modes of communication: Interpretive (reading and listening), Interpersonal, and Presentational (writing and speaking). The course is organized thematically, with an emphasis on making cultural comparisons. The goal is to move students from the Novice-High to Intermediate-Low on the ACTFL (American Council for Teaching Foreign Languages) Proficiency Pyramid, however it is not uncommon for it to take more than one school year to move up to the Intermediate level. Students entering the course above the Novice-High level will work to move up on level on the ACTFL Proficiency Pyramid.

**Spanish IV Honors (10-12) YEAR #64254300**  
**Graduation Credit:** 1.0 Elective  
**Honors Diploma:** Course fulfills Honors Diploma requirements. Heritage or native speakers are encouraged to take Spanish for native speakers or Spanish II, III, or IV, depending on their experience with the language. It is suggested students speak with the teachers to ensure the best placement. Spanish IV focuses on the continued development of the three modes of communication: Interpretive (reading and listening), Interpersonal, and Presentational (writing and speaking). The course is organized thematically, with an emphasis on making cultural comparisons. The goal is to see growth in the Intermediate level on the ACTFL (American Council for Teaching Foreign Languages) Proficiency Pyramid.

**AP Spanish Language and Culture (11-12) YR #64511000**  
**Graduation Credit:** 1.0 Elective  
**Honors Diploma:** Course fulfills Honors Diploma requirements. AP Spanish is a college-level course, taken for college credit. The AP Spanish Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP Spanish Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish.

*See IB Program Courses for descriptions:*

**IB French B SL 1 - YEAR #64217200**  
**IB French SL 2 - YEAR #64217220**  
**IB Spanish B SL 1 - YEAR #64513200**  
**IB Spanish SL 2 - YEAR #64513220**  
**IB German B SL 1 - YEAR #64227200**  
**IB German B SL 2 - YEAR #64227220**

## FINE ARTS *Visual*

**INTRO TO DRAWING (9-12) SEM #66099000**  
**Graduation Credit:** 0.5 Fine Arts Elective  
Drawing is an entry level course that is centered on the development of observational skills needed in rendering the illusion of three-dimensional form on a flat surface. Students will explore a variety of art mediums while learning how to draw from life, pictures, and their imaginations. The course will emphasize studio production to expose students to drawing, color theory, compositional devices, art history, and the Elements and Principles of Design.

**ART HISTORY (9-12) YEAR #66050000**  
**Graduation Credit:** 0.5 Fine Arts Elective  
Introduces visual art from an art historical perspective. Study major principles, elements, media and techniques. There will be required reading, writing and non-judgmental art projects.

**ADVANCED ART (10-12) SEM 1 #66202000**  
**STUDIO ART ADVANCED ART SEM 2 #66202300**  
**Graduation Credit:** 1.0 Fine Arts (0.5 + 0.5)  
This is an advanced level art course. Students will explore aspects of art elements and principles and further their knowledge of materials through the development of a portfolio of their own artwork using a wide variety of materials and mediums. Students will learn to create art with meaning. This course is recommended as a preparatory course for the AP Art and Design Portfolio course.

**CERAMICS I & STUDIO ART CERAMICS I (10-12) YEAR**  
**1st Semester Ceramics I #66041000**  
**2nd Semester Studio Art Ceramics I #66043100**  
**Graduation Credit: 1.0 (0.5 Fine Arts + 0.5 Fine Arts)**  
**This course consists of two semesters.**  
An introductory course focusing on design in high-fire stoneware clay. Basic instruction is given in beginning hand- building methods (pinch, coil, slab, additive/subtractive sculpture) and beginning work on the potter's wheel. Instruction also includes clay processes, glazing and various decoration procedures, firing processes and applicable history. Lab Fee Required.

**CERAMICS II & STUDIO ART CERAMICS II (10-12) YEAR**  
**1st Semester Ceramics II #66042000**  
**2nd Semester Studio Art Ceramics II #66043200**  
**Graduation Credit: 1.0 (0.5 Fine Arts + 0.5 Fine Arts)**  
**This course consists of two semesters.** This is an advanced Art course in high-fire stoneware clay work. Instruction will include hand building, sculpture and work on the potter's wheel. A sketchbook (idea book, work book) is required as well as some textbook work. Participation in State, District and local student art shows is encouraged and in some cases required. Lab Fee Required.

**CERAMICS III & STUDIO ART CERAMICS III (11-12)YR**  
**1st Semester Ceramics III #66043000**  
**2nd Semester Studio Arts Ceramics III #66043300**  
**Graduation Credit: 1.0 (0.5 Fine Arts + 0.5 Fine Arts)**  
**This course consists of two semesters.** This course is a continuation of work begun in Ceramics II in that students continue to work from the studio syllabus. Emphasis is placed on producing professional quality clay work including hand building, sculpture, and potter's wheel work. Students produce a body of three-dimensional artwork that either builds or greatly contributes to a viable portfolio for AP credit, art school entrance, or scholarship consideration. Advanced and specialized techniques are included. Participation in State, District, and Local student art shows and displays is required. This course fulfills requirements for the Honors Diploma. Lab Fee Required.

**SCULPTURE (9-12) 1ST SEM #66104000**  
**STUDIO ART SCULPTURE (9-12) 2ND SEM #66104200**  
**Graduation Credit: 1.0 (0.5 Fine Arts + 0.5 Fine Arts)**  
**This course consists of two semesters.** Sculpture is an introductory course to expose students to processes and techniques used in the creation of three-dimensional works of art. Students will look at additive and subtractive techniques used throughout history to create three-dimensional form. They will use these techniques as a jumping off point to learn how contemporary artists are approaching three-dimensional design today and explore relief and in the round sculpture, found object assemblage, installation art, kinetic sculpture and earth-works/land art. The course will emphasize studio production using 3D materials while also exposing students to drawing, color theory, compositional devices, art history, and the Elements and Principles of Design.

**ART FOUNDATIONS II & STUDIO ART FOUNDATIONS II (9-12) YEAR (1st Semster Art Foundations II #66207000 + 2nd Semester Studio Art Foundation II #66207100)**  
**Graduation Credit: 1.0 (0.5 Fine Arts + 0.5 Fine Arts)**  
**This course consists of two semesters.**  
This course is an introductory course to expose students to processes and techniques used in two-dimensional art throughout history. The course will explore how artists use the Elements and Principles of Design. Students will refine technique, composition, and concept through assignments and critiques as they experiment with different mediums and explore different genres of art. The course will expose students to different ways of thinking and expressing themselves as they experiment with drawing, painting, printmaking, collage, and a variety of mixed media techniques.

**AP ART HISTORY (10-12) YEAR #66060000**  
**Graduation Credit:** 1.0 Fine Arts  
This course will study humankind's creative efforts throughout history. Students will gain an understanding and knowledge of architecture, sculpture, painting, and other art forms within diverse historical and cultural contexts. Students will learn to look at works of art critically and to analyze what they see. This course requires a high degree of commitment to academic work in a program designed to meet college standards. No drawing or painting required)

**PAINTING & STUDIO ART PAINTING (10-12) YR**  
(1st Semester Painting #66208000 + 2nd Semester Studio Art Painting #66208300)  
**Graduation Credit: 1.0 (0.5 Fine Arts + 0.5 Fine Arts)**  
**This course consists of two semesters.** Painting Course is for 10-12 grade students who have completed the Art Foundations II course in High School. In this course, students will use various painting media, techniques, and styles. We will paint with acrylics, oil, and watercolor, to create art in a wide range of subject matter. Students will learn techniques from different time periods and incorporate what they learn into their work. Art critique will be a part of each painting assignment. Lab Fee Required.

**PRINTMAKING & STUDIO ART PRINTMAKING (9-12) YR**  
(1st Semester Printmaking #66103000 + 2nd Semester Studio Art Printmaking #66103100)  
**Graduation Credit: 1.0 (0.5 Fine Arts + 0.5 Fine Arts)**  
**This course consists of two semesters.** This is an entry-level course for the High School Visual Arts Core Curriculum. Printmaking teaches how to make fine art prints using studio processes such as relief, intaglio, planographic, and stencil. With an emphasis on studio production, this course is designed to develop higher level thinking, art-related technology skill, art criticism, art history, and aesthetics. Lab Fee Required.

**COMMERCIAL ART 1 (9-12) YEAR #67421200**  
**Graduation Credit:** 1.0 CTE or Fine Arts (Commercial Art, Lvl 1)  
Create unique artwork using the principles and elements of design. Learn traditional, digital and cutting-edge art techniques. Discover various careers from professional artists. Students will explore Photoshop, Illustrator, printmaking, vinyl cutting for stickers, poster design and more. Develop a personal portfolio for immediate employment or higher education. A lab fee required.

**COMMERCIAL ART 2 (10-12) YEAR #67423120**  
**Graduation Credit:** 1.0 Fine Arts or CTE (Commercial Art, Lvl 2)  
Students create original art using professional techniques. Explore the diverse and exciting careers of illustration, advertising and graphic design. Gain knowledge in concept design, layout copy-righting, drawing, painting airbrush, Photoshop, Illustrator, InDesign illustration, cartooning, and graphic design. Assemble a portfolio for immediate employment or higher education opportunities. Lab Fee Required.

**COMMERCIAL ART 3 (11-12) YEAR #67420410**  
**Graduation Credit:** 1.0 Fine Arts or CTE (Commercial Art: Lvl 2)  
Create art using artistic techniques reflecting professional standards. Communicate your personal vision and develop exciting projects that prepare you for the world of Industrial Design. Explore the various careers in coordination with working professionals. Complete a series of designs and products that demonstrate your mastery of techniques, strategies and concepts. Assemble a portfolio for immediate employment or higher education opportunities. Lab Fee Required.

**COMMERCIAL ART & ELECTONIC MEDIA (9-12)**  
**Graduation Credit:** 0.5 Fine Arts SEMESTER #66215000  
This course is an introduction to the field of photography and will focus on artists that use photography as a medium and infuse photography into their artistic practice. During the semester students will create structures that will be used as sources of inspiration to photograph. Students will refine technique, composition, and concept through assignments and critiques as they experiment with abstraction, still-life, nature, portraiture, and documentary-style photography. This course will cover a number of basic concepts, including image capture, image editing, and photo editing software Adobe Photoshop.

**AP STUDIO ART 2D DESIGN (11-12) YEAR #66209100**  
**Graduation Credit:** 1.0 Fine Arts or CTE  
This course is based on a model developed by the College Board. Students will develop a portfolio of three sections, Breadth, and Concentration, and Quality. Portfolios will be graded by the College Board and successful portfolios will be awarded college credit. Portfolios can be used for admission to schools, scholarships, or for job interviews. Students will learn the professional standards of portfolio development and advanced design strategies. Media includes digital photography, painting, drawing, printmaking, and other diverse forms. Lab Fee Required.

**AP STUDIO ART 3D DESIGN (11-12) YEAR #66209110**  
**Graduation Credit:** 1.0 Fine Arts  
This course is based on a model developed by the College Board. Students will develop a portfolio of three sections, Breadth, and Concentration, and Quality. Portfolios will be graded by the College Board and successful portfolios will be awarded college credit. Portfolios can be used for admission to schools, scholarships, or for job interviews. Students will learn the professional standards of portfolio development and advanced design strategies. A lab fee is required.

**AP STUDIO ART DRAWING (11-12) YEAR #66209120**  
**Graduation Credit:** 1.0 Fine Arts  
AP Drawing is for 11-12 grade students who will submit a portfolio to the AP board for review to receive college credit. Students will work in three areas; breadth, concentration and quality. At the end of the year you will have 29 art works to submit. You will need to create one art work each week to meet your goal. Students, you will take photos of your work. Up-load them to the AP site, write about your concentration, and select and mat five works that will be mailed to the board. Lab Fee Required.

**COMMERCIAL PHOTOGRAPHY 1 (9-12) SEM. #66223800**  
**Graduation Credit:** 0.50 CTE or Fine Arts  
This course is part of a sequence of courses that prepares individuals to use artistic techniques combined with a commercial perspective to effectively communicate ideas and information to business and consumer audiences via the use of digital photography instruction includes training in specialized camera and equipment operation, software usage, maintenance, applications to commercial and industrial needs, and photography business operations. Lab fee is required.

**COMMERCIAL PHOTOGRAPHY 2 (10-12) SEM #66224630**  
**Graduation Credit:** 0.50 CTE or Fine Arts  
Level 2 Digital Photo. Digital photography is designed to develop in students a lifelong love of photography through learning the technical expertise to enable them to produce art-quality work. Students will learn about cameras, printers, and Adobe Photoshop editing and presentation software. They will be given opportunities to present their photographs in gallery settings and on the web. Career opportunities in photography will also be explored. Lab fee required.

## FINE ARTS *Performing*

**IB FILM STUDIES SL 2 (11-12) YEAR #66102820**  
**Graduation Credit:** 1.0 Fine Arts  
The development of creative, analytical and production skills within film-making. IB test.

**GUITAR (10-12) SEMESTER #66902000**  
**Graduation Credit:** 0.5 Fine Arts  
This guitar course is a beginning to early intermediate level that focuses on giving students a strong foundation of guitar knowledge as well as a variety of specific skills. Students will study a combination of modern and courseical guitar technique and have the chance to choose project pieces to study and perform. I recommend this course to students who have never taken a music course but have interest in music and students who may know music, but have not really learned the guitar.

**DANCE I-A (9-12) 1st SEMESTER #66105000**  
**DANCE I-B (9-12) 2nd SEMESTER #66106000**  
**Graduation Credit:** 0.5 Fine Arts or Lifetime Activities  
This beginning level dance course develops dance knowledge and skills in technique, improvisation, choreography, artistic expression, performance, history, and culture. Connections to other curricular areas are made.

**DANCE II-A (9-12) 1st SEMESTER #66107000**  
**DANCE II-B (9-12) 2nd SEMESTER #66108000**  
**Graduation Credit:** 0.5 Fine Arts or Lifetime Activities  
This intermediate level dance course builds dance knowledge and skills in technique, improvisation, choreography, artistic expression, performance, history, and culture. Connections to other curricular areas are made.

**DANCE III-A (10-12) 1st SEMESTER #66109000**  
**Graduation Credit:** 1.0 Fine Arts or Lifetime Activities  
This advanced-level dance course strengthens dance knowledge and skills in technique, improvisation, choreography, artistic expression, performance, history, and culture. Connections to other curricular areas are made.

**DANCE III-B "Elevate" (10-12) 2nd SEM #66110000**  
**Graduation Credit:** 1.0 Fine Arts or Lifetime Activities  
This advanced level dance course extends the core standards and objectives presented in Dance IIIA.

**DANCE COMPANY (10-12) YEAR #66285000**  
**Graduation Credit:** 1.0, Fine Arts or Lifetime Activities  
Dance Company provides the opportunity for members to enhance their skills and showcase their talents in dance technique, composition, improvisation, and performance. Students will be studying a variety of dance styles. Dance Company performs at various events during the year including their annual spring concert.

**SOCIAL DANCING (9-12) SEM #66286000**  
**Graduation Credit:** 1.0 Fine Arts, PE or Elective credit  
Social Dance is designed to increase knowledge and ability in cultural dance and partner dancing. Various types of ballroom, Latin, line dances, and folk dances will be taught. Some examples are Swing, ChaCha, Salsa, Waltz, and Tango. Students will also explore the history, music, and cultural significance of social dances; and learn about dance contributing to a healthy lifestyle. This course is geared toward the beginning social dancer. No previous dance experience or performing required.

**THEATRE FOUNDATIONS I (9-12) 1st SEM #66111000**  
**THEATRE FOUNDATIONS II (9-12) 2nd SEM #66112000**  
**Graduation Credit:** 0.5 Fine Arts  
**I:** This course introduces students to the history of theater and the role of the actor in interpreting dramatic literature, performance, theory, and techniques. Students have experiences with pantomime, voice, interpretations, movement, acting, improvisation, scene memorization, costumes, and make-up.  
**II:** Second Semester of the basic theatre concepts of Theatre Foundations I by comparing and integrating theatre elements with other art forms. Students have the opportunity to analyze and critique performances.

**THEATRE FOUNDATIONS III (9-12) 1st SEM #66113000**  
**THEATRE FOUNDATIONS IV (9-12) 2nd SEM #66114000**  
**Graduation Credit:** 0.5 Fine Arts  
**III:** This course adds to Theatre Foundations I and II concepts of character motivation through movement and voice, and projection of mood and feelings. Students study design concepts of visualization and technology, script research, variety in art forms, and assess performance effectiveness. This course tackles Shakespeare. You will be cast in a short play, prepare and perform scenes and monologues for the high school Shakespeare Competition in Cedar City. In addition, you will learn about directing, film acting, playwriting, and stage makeup. This course will also go into more detail on advanced acting and technique.  
**IV:** Second Semester This course fosters and refines all the basic concepts in theatre taught in Theatre Foundations I-III.

**PLAY & MUSICAL PRODUCTION (9-12) YEAR #66276000**  
**Graduation Credit:** 1.0 Fine Arts  
This course will perform the fall musical. In addition, you will be cast and perform in a Broadway Musical Review, a competition play, and a spring play. Outside course time is required in order to be in this course.

**CHORUS (Choir) (9-12) YEAR #66240000**  
**Graduation Credit:** 1.0 Fine Arts  
All voices welcome, no auditions. This course is a beginning level who are interested in singing but have very little experience. It is a non-auditioned choir. If students have had choral experience in the past and are interested in joining an auditioned choir, schedule an audition in B114.

**CONCERT CHOIR (10-12) YEAR #66245300**  
**Graduation Credit:** 1.0 Fine Arts  
Advanced choir for students with intermediate to advanced sight singing skills. Students must be able to harmonize with other vocal parts. All voices by Audition.

**MADRIGALS (11-12) YEAR #66249000**  
**Graduation Credit:** 1.0 Fine Arts  
Advanced choir with limited enrollment for students with advanced sight-singing skills & ability to harmonize independently. Willing to dedicate several hours outside of school for performances, especially during December. All voices by Audition.

**STRING ORCHESTRA (9-12) (Level 1) YEAR #66265000**  
**Graduation Credit:** 1.0 Fine Arts  
This course provides opportunities to foster and refine musical expression through instrumental performance, analytical/evaluative skills, and aesthetic judgment. Study includes the care and cultivation of a beautiful tone, the ability to read music with fluency, team spirit and responsible rehearsal habits.

**CONCERT BAND (9-12) YEAR #66233000**  
**Graduation Credit:** 1.0 Fine Arts  
The Concert Band open to: Flute, Oboe, Clarinet, Bass Clarinet, Alto Sax, Tenor Sax, Bari Sax, Trumpet, Horn, Trombone, Euphonium/Baritone, & Tuba. Students should be able to read music and need to have prior band experience. Over the course of the year we learn and perform a large variety of music. This course also has travel and competition opportunities throughout the year.

**JAZZ BAND (9-12) YEAR #66234000**  
**Graduation Credit:** 1.0 Fine Arts  
Jazz band is a performing ensemble that focuses on the genre of jazz. This course is a 0 hour course that meets before school. Members must be enrolled in another music ensemble and must pass an audition or be recommended. This group must keep a specific instrumentation to participate in the state jazz festival.

**SYMPHONY ORCHESTRA (10-12)**  
**Graduation Credit:** 1.0 Fine Arts YEAR #66266000  
Symphony orchestra is an advanced level auditioned ensemble for students who have had at least two years of music instruction and have passed an entry audition. Students will learn and perform a variety of repertoire and participate in a number of festivals and competitions. This course also has great opportunities for leadership as well as travel opportunities.

**WIND ENSEMBLE (10-12) AKA Symphony Band Wind Ensemble**  
**Graduation Credit:** 1.0 Fine Arts **YEAR #66235000**

Wind Ensemble / Symphonic Band is an advanced level auditioned ensemble for students who have had at least three years of music instruction and have passed an entry audition. Over the course of the year we learn and perform a large variety of music from pep-band to pop to band standards. If you are looking for an advanced course with performance, travel, and competition opportunities, this is a great course for you.

**AP MUSIC THEORY (11-12) YEAR #66546000**  
**Graduation Credit:** 1.0 Fine Arts

This course provides the serious music student with advanced study in the elements of music and music theory of the Common Practice Period, including scales, chords, part-writing, structural analysis, aural recognition, and composition. Students are expected to be enrolled in a Highland High School music ensemble course. Students enrolled in AP Music Theory are expected to take the Advanced Placement examination in the spring.

**BEGINNING PIANO (9-12) YEAR #66237000**  
**Graduation Credit:** 1.0 Fine Arts

In the first year students are enrolled in piano courses, they learn basic rhythms, correct hand position and technique, articulations, dynamics, note names on the piano and how to read notes on the grand staff. The curriculum also includes information about the lives of many of the great composers along with teaching the students how to present themselves in a public performance. Four recitals are held each year to demonstrate the student's progress and give them the opportunity to practice their public presentation skills.

**INTERMEDIATE PIANO (9-12) YEAR #66238000**  
**Graduation Credit:** 1.0 Fine Arts

For students who have had at least 1 year of piano study or took Beginning Piano course. Advanced rhythm study, technique, articulations, dynamics. Students will need to dedicate 2 hours of practice per week.

**PERCUSSION ENSEMBLE (9-12) YEAR #66261000**  
**Graduation Credit:** 1.0 Fine Arts

Percussion Ensemble is available to students who have prior percussion experience or have taken a previous band course. Students in the course will perform with the bands, learn intermediate and advanced technique, be part of the drum line and have other performance opportunities.

## HEALTHY LIFESTYLES

**SOCIAL DANCING (See Performing Arts)**  
**DANCE IA & IB (See Performing Arts)**

**PE Skills (9-12) SEMESTER Course**  
**Boys #68109010, Girls #68109020, COED #68109000**

**Graduation Credit:** 0.5 PE Graduation Requirement  
This course will develop participation skills and techniques in a variety of individual and team sports and dance activities with emphasis on leadership, courtesy, respect, and fairness. This course helps each student adopt a personal lifestyle that will achieve physical fitness.

**Fitness for Life (9-12) SEMESTER Course**  
**Boys #68200010, Girls #68200020, COED #68200000**

**Graduation Credit:** 0.5 PE Graduation Requirement  
Students will identify and understand all of the components of fitness, such as cardiovascular fitness, strength, flexibility, endurance, weight control, nutrition, eating disorders and stress management. This course helps each student adopt a personal lifestyle that will achieve physical fitness.

**Lifetime Activities (10-12) SEMESTER #68204000**  
**Graduation Credit:** 0.5 Lifetime Activities

This course helps students develop intermediate to advanced skills and techniques in a minimum of three team sports. Emphasis is placed on skill development, knowledge of rules, team strategy, team work, sportsmanship and leadership.

**Health (10-12) SEMESTER #68901000**  
**Graduation Credit:** 0.5 Health Graduation Requirement.

This one semester course assists students in the continual development of skills needed to improve the quality of life. The course emphasizes decision making and consequences relating to their personal health. It offers students an opportunity to evaluate and improve their lifestyle. Health is a required course for graduation.

**Medical Anatomy & Physiology-(MAP) (10-12)**  
**Location:** HHS **YEAR #67939000**

**Graduation Credit:** 1.0 CTE, Health, or 3rd year science credit  
This course is designed for students pursuing medical and health related careers or for those who wish to gain a better understanding of the human body that can be applied to everyday life. The course focuses on human biology and incorporates dissections, labs, and other hands-on activities. Areas of study include basic body chemistry, tissues, anatomy and physiology of all body systems, diseases and medical terminology. Instruction includes intermediate anatomy and physiology, diseases and disorders, and medical ethics. The course is designed to prepare students for a variety of health care programs and future employment in a health care field. Lab Fee Required.

**Exercise Science & Sports Medicine (11-12)**  
**Graduation Credit:** 1.0 CTE **YEAR #68801000**

This full year course is designed to teach students components of sports medicine including the exploration of therapeutic careers. Students will be able to understand and apply medical terminology and abbreviations, identify the anatomy and physiology of the human body, become familiar with basic C.P.R., first aid, injury prevention, the healing process, rehabilitation techniques, therapeutic modalities, nutrition, and sports psychology.

**YOGA I (0.5) (10-12) SEMESTER #68215000**  
**YOGA II (0.5) (10-12) SEMESTER #68215020**

The Yoga course is designed to promote life-long physical activity and to develop an understanding of the benefits of being healthy. In this course, we will utilize yoga practices to become more physically, mentally, energetically, and emotionally fit. This course will present techniques in yoga. Yoga means union, and refers to the union of the body, mind, and breath. It is a system of self-care that was developed in India and is practiced all over the world. Yoga develops core strength and helps to develop lung capacity through careful breathing. The emphasis in this course will be Asana practice which refers to poses and postures designed to develop flexibility, muscular strength, and muscular endurance. Emphasis will be placed on correct alignment and safe practice. Yoga students will learn concepts of physical fitness, identify stress reduction techniques, gain an increased ability to concentrate, and develop a Personal Fitness Plan to support a lifetime of fitness.

**Athletics (11-12) SEMESTER Course**

**Graduation Credit:** 0.5 PE  
**Girls' Sports: SEM 1 #68908000, SEM 2 #68908010**  
**Boys' Sports: SEM 1 #68909000, SEM 2 #68909010**  
This course consists of two semesters. Physical fitness geared towards student athletes.

**Body Conditioning (10-12) SEMESTER Course**  
**Graduation Credit:** 0.5 Lifetime Activities

**SEMESTER 1 #68223000, SEMESTER 2 #68225000**  
This course will include basic weight training, fitness, flexibility techniques and individualized lifetime weight lifting instruction.

**Weight Training (11-12) SEMESTER Course**

**Graduation Credit:** 0.5 Lifetime Activities  
**Football: SEM 1 and or SEM 2 #68221000**  
**Girls: SEM 1 and or SEM 2 #68222200**  
**Boys: SEM 1 and or SEM 2 #68222100**

In this course student's work on a progressive weight-training program designed to build muscular strength and endurance.

## DIGITAL STUDIES

**Exploring Computer Science (9-12) SEM #65261800**  
**Graduation Credit:** 0.5 Digital Studies, CTE or Elective

This is an introductory course for students without much computer experience. For example: students who have already gained coding skills should NOT take this course and choose a more advanced course to meet the graduation requirement. ECS features Interacting with Computers; Problem-solving, Introduction to Programming (using Scratch), and Introduction to Web Development.

**Business Office Specialist (9-12) SEM #65209210**  
*This course provides opportunities for basic, intermediate and advanced levels of achievement.*

**Graduation Credit:** 0.5 Digital Studies, CTE or Elective  
This course centers on building skills in Microsoft Offices programs, including Word, Excel, PowerPoint and Access. These skills contribute to success at school and are essential in the world-of-work. Students can formally validate their abilities by taking Microsoft Office Specialist and Microsoft Office Expert industry certification exams in course at no cost. Long after the semester is over, these skills will reward students as they create quality projects for varied purposes and are better able to adapt to changing trends in technology. Lab fee required.

**Web Development 1A (9-12) SEMESTER #65229100**  
**Graduation Credit:** 0.50 Digital Studies, or CTE or Elective

This course focuses on up-to-date concepts and skills that are used in the development of today's websites. Students will learn fundamentals of how the Internet works and basic building blocks for the World Wide Web, including HTML and Cascading Style Sheets (CSS) as they create web pages. Lab fee required.

**Computer Programming 1 SEMESTER #65274010**  
**Computer Programming 2 SEMESTER #65278020**

**(9-12) Location:** CTC  
**Graduation Credit:** 0.50 Digital Studies, 0.50 CTE

Introduces students to the fundamentals of computer programming. Students will learn to design, code, and test their own programs while applying mathematical concepts. Teachers introduce concepts and problem solving skills to beginning students through a programming language such as Delphi, C++, C#, Java, Python, or VB.

This is an intermediate course in computer programming/software engineering and applications. It reviews and builds on the concepts introduced in Computer Programming IA. Introduces students to more complex data structures and their uses, including sequential files, arrays, and courses. Students will learn to create more powerful programs. The skills test covers skills learned in Computer Programming IA & IB (Java)

**Financial Literacy (11-12) SEMESTER #65612000**  
**Graduation Credit:** 0.5, Financial Lit

The course provides students with understanding of basic financial concept skills to use to conduct their personal finances. Students develop individual plans – budgeting, short-term and long-term financial planning, and career preparation

**Word Processing (9-12) SEMESTER #67302100**  
**Graduation Credit:** 0.5 Elective **Location:** HHS

This course gives students the opportunity to increase their keyboarding skills, helping them to be successful as they advance to their digital studies requirement. As students create a variety of documents, increased efficiency, productivity, quality, and creativity will be evident through their use of basic and advanced software features. Instruction on proper keyboarding technique and recommended styles for business documents will coincide with their software training. A lab fee required.

## OTHER ELECTIVES

**Naval Science 1 #68281010**

**Naval Science 2 #68281020**

**Naval Science 3 #68281030**

**Naval Science 4 #68284000**

**Location:** West High School (WHS)

**Graduation Credit:** ELE (Students who complete a full year of JROTC will be given .50 credit of Lifetime Activity credit as well as .50 credit ELE. The Navy Junior ROTC Program is designed to teach leadership, good citizenship, military orientation, and physical fitness. This is accomplished through a broad-based academic program that includes leadership, oceanography, basic seamanship, naval history, first aid, sea power, maritime geography orienteering, and more. Academics are balanced with a practical leadership development program designed to build self-discipline and self-confidence. A variety of extracurricular activities provide additional opportunities for students to develop their self-confidence and put their leadership skills to practical use. These include marksmanship, orienteering, drill, and physical training. The following ongoing activities are conducted throughout the year and give students the chance to compete against JROTC students from throughout Utah: Academic Team, Drill Team, Air Rifle Marksmanship Team, and Color Guard. Trips to military bases/ships are also conducted with interested students.

**Yearbook (11-12) YEAR #69292000**  
**Location:** HHS **Graduation Credit:** 1.0 CTE OR ELECTIVE

This full-year course provides skill development in the electronic This full-year course provides skill development in the electronic procedures of producing and editing publications. Students will create, format, illustrate, design, edit/revise, and print publications. Proofreading, document composition, and communication competencies are also included. The end product is the publication of the Highlander, the Highland High School Yearbook. Students will be expected to attend, photograph, and document various activities during the school year.

**Drivers Education (9-12) SEMESTER 1 #69238000**  
**Drivers Education (9-12) SEMESTER 2 #69240000**

This course places emphasis on traffic safety education. Learn traffic procedures and laws to become a responsible driver. Must be at least 15 years old when course starts.

**Stage Crew (10-12) YEAR #67941000**  
**Graduation Credit:** Elective Credit

This course is designed to provide students the opportunity to work with staging, lighting and sound in the auditorium. Students must be willing to meet rehearsal schedules before and after school.

**Debate I (9-12) YEAR #60921000**  
**Graduation Credit:** 1.0 Elective

This course is designed for beginning students interested in competitive speech activities. Competition in debate, oratory, impromptu, extemporaneous speaking and student congress are emphasized.

**Debate Advanced (10-12) YEAR #60922000**  
**Graduation Credit:** 1.0 Elective OR English 12

This course is for junior varsity and varsity debaters. The course will emphasize the theory of argumentation and persuasion and all students are required to compete on the debate circuit.

**Peer Tutor (10-12) YEAR #69264000**  
**Graduation Credit:** 1.0 Elective

This course allows students the opportunity to give back by working with students with disabilities. Peer tutors provide assistance to students, promoting academic and social development. For both the tutor and tutee this course encourages development by increasing teamwork, social engagement, and self-confidence. Simply, friendship is the foundation of this course.

**Teacher/Office Aide (11 –12) Requires Approval**

Students assist the teaching / office staff by assisting in misc. tasks on answering phones to assisting with the courseroom activities. A student will be assigned to only one period per day. See counseling office for teachers or offices that are requesting student aides.



## Career & Technical Education

**CAREER & TECHNICAL EDUCATION PATHWAY COMPLETER AWARD:** The Career Pathway Completer Award is for students who earn 3 credits of "C" or better in a specific career pathway. This medalion goes great with either black or white graduation gowns!! See your counselor or CTE Coordinator for more information.

**CTE COURSES:** Most of these courses are at Highland, but some are offered off-campus at the district Career & Technical Education Center (CTC), Horizonte, or East High School, as designated. Transportation to and from these sites is provided unless otherwise indicated.

## AGRICULTURE EDUCATION

**Biology Agricultural Sci.(10-12) YEAR #67927100**  
**Location:** HHS **Graduation Credit:** 1.0 Biology or CTE

This course is designed to meet the requirements for biological science credit. It is a hands on way to earn biology credit with an emphasis on agriculture as it relates to nursery operation and landscape management. This is a tech center course taught at Highland High.

**Small & Companion Animal Science (9-12)**  
**SEMESTER #67239100**

**Location:** CTC **Graduation Credit:** 0.5 CTE  
This course focuses on relationships between humans and the animals we share our lives with. Training techniques are discussed for guide dogs, search and rescue, show animals, police & military dogs and companion animals. The companion animal science is a program designed to enhance a student's basic understanding of the animal husbandry practices and to expose students to the vast career opportunities relating to animals. The curriculum includes: Health related issues, giving students a knowledge of how to properly care for their pets. Off-Campus.

**Guide Dog Training 1 (10-12) YEAR #67239120**  
**Guide Dog Training 2 (11-12) YEAR #67239130**

**Location:** CTC (Off Campus)  
**Graduation Credit:** 1.0 CTE per course  
The Salt Lake City School District has partnered with Guide Dogs for the Blind, Inc.; providing students with a real life experience of raising a puppy. The format for this course is completely hands-on. Students who are approved will raise a future guide dog. The puppies are bred by Guide Dogs and given to students. The puppies will live with the students for a year. Student will learn first hand how to care for and train these very special companion dogs.

## BUSINESS/MARKETING & INFORMATION TECHNOLOGY

Digital Studies is new as of 2018-19; it replaces a computer technology requirement. The Digital Studies graduation requirement helps students grow from "computer-users" to "computational-creators" through successful completion of one of these courses at Highland High: Business Office Specialist, Exploring Computer Science, Web Development 1A. The Salt Lake City School District Career & Technical Education Center (CTC off campus) offers one additional course that satisfies the digital studies graduation requirement: Computer Programming I.

**Exploring Computer Science (ECS)(9-12) SEM#65261800**  
*this is a basic level course*

**Graduation Credit:** 0.5 Digital Studies, CTE or Elective  
This course aims to attract a broader range of students into the field of computer science—leading to future opportunities for high-paying jobs in fields that have a growing need for qualified applicants. This is an introductory course for students without much computer science experience. For example: students who learned coding in middle school or have gained coding skills in other ways, should NOT take this course and choose a more-advanced course to meet this graduation requirement. ECS has three strands: *Interacting with Computers; Problem-solving and Introduction to Programming (using Scratch).* Students become members of a "computing community of practice" as they are introduced to the behavior, language and skills or computer scientists. Lab fee required.

**Business Office Specialist (9-12) SEMESTER #65209210**

This course provides opportunities for basic, intermediate and advanced levels of achievement.  
**Graduation Credit:** 0.5 Digital Studies, CTE or Elective  
This course centers on building skills in Microsoft Offices programs, including Word, Excel, PowerPoint and Access. These skills contribute to success at school and are essential in the world-of-work. Students can formally validate their abilities by taking Microsoft Office Specialist and Microsoft Office Expert industry certification exams in course at no cost. Long after the semester is over, these skills will reward students as they create quality projects for varied purposes and are better able to adapt to changing trends in technology. Lab fee required.

**Web Development 1A (9-12) SEMESTER #65229100**  
**Graduation Credit:** 0.50 Digital Studies, or CTE or Elective

This course focuses on up-to-date concepts and skills that are used in the development of today's websites. Students will learn fundamentals of how the Internet works and basic building blocks for the World Wide Web, including HTML and Cascading Style Sheets (CSS) as they create web pages. Lab fee required. **7**







## GRAPHIC COMMUNICATIONS

**Graphic Communications (10-12) YEAR #67420210**  
**Graduation Credit:** 1.0 CTE or Fine Arts **Location:** East HS  
Learn to create, produce and reproduce visual graphics that communicate to an audience. Print various projects including T-shirt, notepads, and stickers. Develop the same design, image manipulation, and printing technologies as professional designers. Instruction includes the use of industry standard graphics software with the Adobe Creative Suite. Labs are equipped with the latest iMac Intel-based computers with support scanners, black and white and color printers. **Course Highlights:**

- Visualize, design, and produce T-shirts, notepads, and stickers.
- Apply effective principles and techniques to project designs.
- Use the same design, image manipulation, and printing technologies as professional designers. \$25.00 Fee

## VISUAL DESIGN AND COMMERCIAL ART

**Commercial Art 1 (9-12) YEAR #67421200**  
**Location:** HHS **Graduation Credit:** 1.0 CTE or Fine Arts  
Create unique artwork using the principles and elements of design. Learn traditional, digital and cutting-edge art techniques. Discover various careers from professional artists. Students will explore Photoshop, Illustrator, printmaking, vinyl cutting for stickers, poster design and more. Develop a personal portfolio for immediate employment or higher education. A lab fee required.

**Commercial Art 2 (10-12) YEAR #67423120**  
**Location:** HHS **Graduation Credit:** 1.0 CTE or Fine Arts  
Create unique artwork using the principles and elements of design. Learn traditional, digital and cutting-edge art techniques. Discover various careers from professional artists. Students will explore painting, drawing, airbrush illustration, cartooning, Photoshop, and other computer software. Develop a personal portfolio for immediate employment or higher education. Lab fee required.

**Commercial Art 3 (11-12) YEAR #67420410**  
**Location:** HHS  
**Graduation Credit:** 1.0 CTE or Fine Arts  
Create art using artistic techniques reflecting professional standards. Communicate your personal vision and develop exciting projects that prepare you for the world of Industrial Design. Explore the various careers in coordination with working professionals. Complete a series of designs and products that demonstrate your mastery of techniques, strategies and concepts. Assemble a portfolio for immediate employment or higher education opportunities. Lab fee required.

## WORK-BASED LEARNING EDUCATION

**CTE Internship (11-12) SEMESTER #67320000**  
**Location:** HHS and Internship site  
**Graduation Credit:** 0.5 Elective, *can't take more than 1 Sem.*  
This course is an excellent alternative to Home Release and is available for eligible juniors and seniors. During the semester you will spend approximately 60 hours off-campus at an internship site, and approximately 24 hours in-course working on the job application process, goal setting, teamwork, positive habits, etc. In the internship you will work with professionals in an industry to get a good idea of the career and the requirements to enter that career. You should have a specific interest in a career path and be involved in courses that support the internship. This course gives you a competitive edge when you graduate from high school. The experience gained in this course can be added to job, college, and scholarship applications. The course will also give you a better idea of what careers you want to pursue after graduation. This course helps you complete a CTE Pathway. Talk to your counselor about enrolling in a CTE Internship course today.

**Work Release (11-12) SEMESTER #69247000**  
**Graduation Credit:** up to 2 Elective credits max  
**Location:** HHS & Student's job site  
This program offers on the job experience related to a career goal and course of study. It is designed to bridge the gap between school and work. Students must have a career goal identified and a CTE Skill course related to their WBL experience in order to participate. Must fill out application papers with CTE Coordinator.



## IB PROGRAM COURSES

The following courses are for students who have been accepted into the IB program at Highland. Please see your counselor for more information.

**IB Mathematics SL 1 (11) YEAR #61570110**  
**IB Mathematics SL 2 (12) YEAR #61570210**  
**Graduation Credit:** 1.0 Math

This course is available at SL only. It caters to students with varied backgrounds and abilities. More specifically, it is designed to build confidence and encourage an appreciation for mathematics. The IB mathematics standard level (SL) course focuses on introducing important mathematical concepts through the development of mathematical techniques. The intention is to introduce students to these concepts in a comprehensible and coherent way. Students should whenever possible, apply the mathematical knowledge that have acquired to solve realistic problems in an appropriate context. A graphing calculator (TI-83, 83+, 84, 84+ or TIInspire CX preferred) is required for this course.

**IB English Lit HL 1 (11) YEAR #60593000**  
**IB English Lit HL 2 (12) YEAR #60593010**  
**Graduation Credit:** 1.0 Language Arts

IB English is designed for students who are interested in pursuing a rigorous and rewarding study of world and contemporary literature, oral communication, and analytical writing. Students will study several authors in depth and will read literary works from a variety of cultures, countries, genres, and time periods. The emphasis is on world authors read in a historical context, and the writing component.

**IB Biology HL 1 (11) YEAR #62514400**  
**IB Biology HL 2 (12) YEAR #62514410**  
**Graduation Credit:** 1.0 Science

This is a higher level course which provides in-depth coverage of the biological concepts taught in first year university biology courses, preparing students for the IB exam.

**IB Chemistry SL 2 (11/12) YEAR #62522020**  
**Graduation Credit:** 1.0 Science

This course provides an in-depth, mathematics-intensive coverage of the chemistry concepts that are taught in first year university chemistry courses. It prepares students for the national IB chemistry exam. The University of Utah laboratory course is strongly recommended.

**IB History of the Americas HL 1 (11) YEAR #63063800**  
**IB History of the Americas HL 2 (12) YEAR #63063810**  
**Graduation Credit:** 1.0 US History/ US Gov.

This course will seek to develop inquiring, knowledgeable and caring young people who help to create a better and more peaceful world through inter-cultural understanding. This course focuses on History of the Americas (11th Grade) and 20th Century World History Topics (12th grade).

**IB Theory of Knowledge SL 1 (11) SEM 2 #63808000**  
**IB Theory of Knowledge SL 2 (11/12) SEM 2 #63808010**  
**Graduation Credit:** 0.5 IB Diploma

Theory of Knowledge (TOK) is central to the IB curriculum. Concepts developed in TOK are meant to aid students in their various courses, as well as in a global society. Questions are the essence of TOK, both ageless questions on which thinkers have been reflecting for centuries, as well as questions derived from modern challenges and ideals. Students will begin the course the second semester (beginning of third quarter) junior year and finish at the end of first semester (end of second quarter) of senior year.

**IB French SL 1 (11) YEAR #64217200**  
**IB French SL 2 (11/12) YEAR #64217220**  
**Graduation Credit:** 1.0 Elective

This is an advanced and highly demanding course. Emphasis is placed on the students' degree of proficiency in comprehension, fluency, grammatical structure, syntactical and production patterns, as well as oral and written discourse. To best facilitate the study of language and culture, communication is primarily in French.

**IB Spanish SL 1 (11) YEAR #64513200**  
**IB Spanish SL 2 (11/12) YEAR #64513220**  
**Graduation Credit:** 1.0 Elective

This is an advanced and highly demanding course. Emphasis is placed on the students' degree of proficiency in comprehension, fluency, grammatical structure, syntactical and production patterns, as well as oral and written discourse. To best facilitate the study of language and culture, communication is primarily in Spanish.

**IB German SL 1 (11) YEAR #64227200**  
**IB German SL 2 (11/12) YEAR #64227220**  
**Graduation Credit:** 1.0 Elective

This is an advanced and highly demanding course. Emphasis is placed on the students' degree of proficiency in comprehension, fluency, grammatical structure, syntactical and production patterns, as well as oral and written discourse. To best facilitate the study of language and culture, communication is primarily in German.

**IB Music Theory SL 2 (11/12) YEAR #66547020**  
**Graduation Credit:** 1.0 Fine Arts

This IB Music course is for advanced instrumental and vocal music students. This course will prepare students to take the International Baccalaureate exam. The course will focus on the following areas: 1. Study of two prescribed works; 2. Investigating musical links; 3. Performance; and 4. Theory and composition.

**IB Visual Art SL 2 (11/12) YEAR # 66532020**  
**HL 1 (11) YEAR # 66532200**  
**HL 2 (12) YEAR # 66532400**  
**Graduation Credit:** 1.0 Fine Arts

This is a professional and college level prep course. Students will work on exploration, skill development, and a high level completion of the Research Workbook. The emphasis is on the individual workbook and final exhibition. This course will take a lot of time, passion and energy. Lab fees required.

**IB Film Making SL 2 YEAR #66102820**  
**Graduation Credit:** 1.0

Through the study and analysis of film texts and exercises in film-making, the course explores film history, theory and socio-economic background. The course develops students' critical abilities, enabling them to appreciate the multiplicity of cultural and historical perspectives in film. To achieve an international understanding within the world of film, students are taught to consider film texts, theories and ideas from the points of view of different individuals, nations and cultures.

**IB Physics HL 1 (11) YEAR #62532400**  
**IB Physics HL 2 (12) YEAR #62532420**  
In this course students will explore the fundamental principles that govern the physical world. This is a relatively fast-paced course that will both prepare students for university-level physics courses.

## ENGLISH LANGUAGE DEVELOPMENT (ELD)

**Required courses for all ELL Students levels 1-4**

ELD 1 YEAR #60859100, ELD 2 YEAR #60859200  
ELD 3 YEAR #60859300, ELD 4 YEAR #60859400

**Graduation Credit:** 1.0 ELL students

This course is designed to help students who are beginning second language learners work to improve their communication interaction which includes: reading skills, the writing process, literature and non-fiction reading and analysis, listening, speaking, and presentation techniques. Our students work to learn and use reading and writing comprehension strategies, particularly as they apply to content areas.

**Language Arts 9 ESL I YEAR #60804000**  
**Graduation Credit:** 1.0 Language Arts 9 for ELL students

This course is designed to help students who are beginning second language learners, become independent and successful in learning English, thinking critically, and gaining skills which will ensure their academic success. We will concentrate on the four language learning areas: reading, listening, speaking, and writing.

**Language Arts 9 ESL II YEAR #60805000**  
**Graduation Credit:** 1.0 Language Arts 9 for ELL students

This course is a continuation of LA 9 ESL I. Designed to help students who are second year language learners.

**Language Arts 10 ESL I YEAR #60815000**  
**Graduation Credit:** 1.0 Language Arts 10 for ELL students

This course is designed to help students who are beginning second language learners, become independent and successful in learning English, thinking critically, and gaining skills which will ensure their academic success. We will concentrate on the four language learning areas: reading, listening, speaking, and writing.

**Language Arts 10 ESL II YEAR #60816000**  
**Graduation Credit:** 1.0 Language Arts 10 for ELL students

This course is designed to help students who are second year language learners, become independent and successful in learning English, thinking critically, and gaining skills which will ensure their academic success. We will concentrate on the four language learning areas: reading, listening, speaking, and writing.

**Language Arts 11 ESL I YEAR #60828000**  
**Graduation Credit:** 1.0 Language Arts 11 for ELL students

This course is designed to help students who are beginning second language learners, become independent and successful in learning English, thinking critically, and gaining skills which will ensure their academic success. We will concentrate on the four language learning areas: reading, listening, speaking, and writing.

**Language Arts 11 ESL II YEAR #60829000**  
**Graduation Credit:** 1.0 Language Arts 11 for ELL students

This course is designed to help students who are second year language learners, become independent and successful in learning English, thinking critically, and gaining skills which will ensure their academic success. We will concentrate on the four language learning areas: reading, listening, speaking, and writing.

**Language Arts 12 ESL I YEAR #60840000**  
**Graduation Credit:** 1.0 Language Arts 12 for ELL students

This course is designed to help students who are beginning second language learners, become independent and successful in learning English, thinking critically, and gaining skills which will ensure their academic success. We will concentrate on the four language learning areas: reading, listening, speaking, and writing.

**Language Arts 12 ESL II YEAR #60841000**  
**Graduation Credit:** 1.0 Language Arts 12 for ELL students

This course is designed to help students who are year second language learners, become independent and successful in learning English, thinking critically, and gaining skills which will ensure their academic success. We will concentrate on the four language learning areas: reading, listening, speaking, and writing.

**ELL Supervised Study for ELL Level 3 Tutors (Supervised Study) SEM #69263000**  
**Graduation Credit:** 0.5 Elective Credit ELL students

This course is designed to help students who are second language learners work to improve their study and school success skills. They will be under the direction of a teacher who will monitor grades and teach additional skills.

**One College Prep (11-12) YEAR #69510050**  
**Graduation Credit:** 1.0 Elective Credit

One College Prep aims to help students with refugee backgrounds who could be ready for college upon high school graduation, but who likely will not without additional support. They are students who score in the high three through five range on the WIDA. All students in One College Prep need to have refugee or asylee status, or parents who have said status, within the United States to be eligible.

**Secondary Math I EL (Level 1 & 2 ELD) YEAR #61211610**

This course is intended for students with interrupted formal education and WIDA levels I and II. This course will focus on the major work of Secondary Math I: linear and exponential relationships, linear regression, equations and inequalities, and geometric congruence.

**Secondary Math II EL (Level 1 or 2 ELD) YR #61211700**

**Biology EL (Level 1 and 2 ELD) YEAR #62138100**

**World Geography I EL (Level 1 & 2 ELD) SEM #63902110**



HIGHLAND HIGH SCHOOL

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